Washington State Department of Transportation

Inspector's Daily Report

IDR Sheet 1 of 1 Sheets	Final Record Book	Page
Contract	Day	Date
C-7852	Wednesday	August 4, 2010

DIARY - Including but not limited to: a report of the day's operations, time log (if applicable), orders given and received, discussions with contractor, and any applicable statements for the monthly estimate.

Sam Johnston, Norm Norrish and I met with Brad Schut and Jerry Wood for the Lift 2 inspection from approximate station LW 1336+70 to 1338+00 to a bench height around 2589 MSL. Norm and I laid out the pattern dowels and bolts (rock bolts designed in a memo authored by Norm Norrish, dated August 3, 2010) and a few spot dowels (Figure 1). We also located 2 pattern dowels that were identified in the 7/22/10 IDR. Norm determined the free-stressing length of the Type H rock bolts to be 40 feet in length and the contractor indicated they would use a 15 foot bond zone. During our inspection of Jenkins Knob, we also noted that little of the scaling and dressing had been performed and these areas are also shown on Figure 1.

We all walked over to the west side of the project to perform the Lift 1 inspection from approximate station LW 1316+25 to LW 1318+60 to an average bench height of 2557 MSL. Please note that this is an average bench height since the bench is higher in the east than it is in the west of Lift 1. The upper 10 to 12 feet of the rock in this area is poorer in quality towards the top of the cut as expected and depicted in the geophysical testing performed throughout this section and the test boring drilled immediately to the east of the lift. We determined that we would lay out Type L rock dowels at the bench elevation and determine any further stabilization needs during future lift inspections (Figures 2 and 3). Norm Norrish will detail the design for these Type L rock dowels in an upcoming construction memorandum.

Brad indicated that the contractor was planning a blast for this evening to the east (~LW 1318+75 to 1320+00) and a lift inspection would be needed later this week or early next week. I told him to call with a lift inspection request when it is ready.

We left the site around 2:00 pm.

Michael P. Mulhern

Signed — Inspector

DOT Form 422-004A EF
Revised 1/94

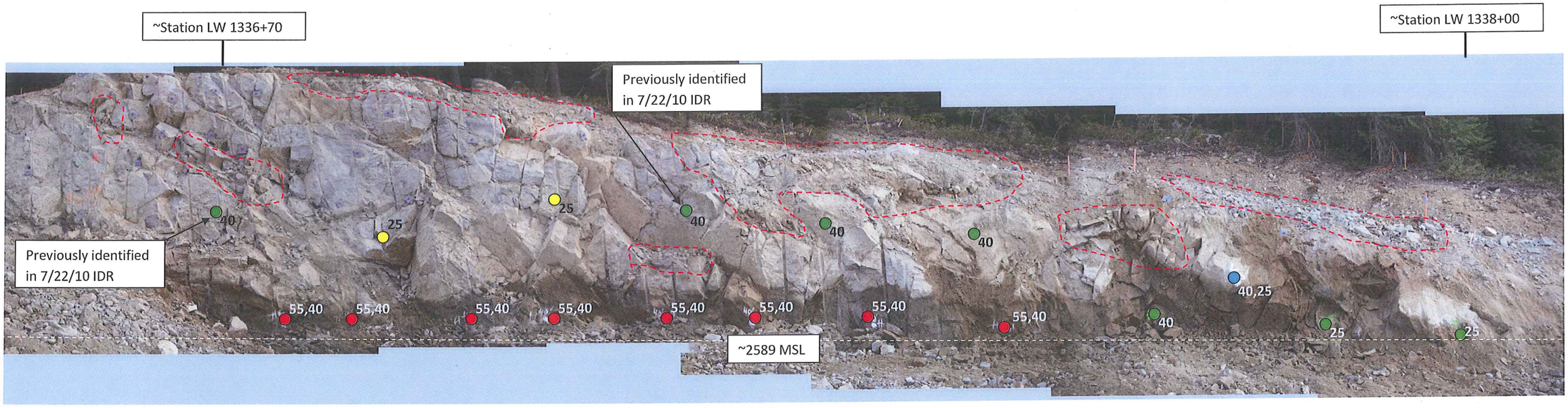

Figure 1. A photograph showing Lift 2 inspection from approximate station LW 1336+70 to 1338+00 to approximately 2589 MSL.

40 – Type L Pattern Dowels (Minimum Length in Feet)

25 – Type L Spot Dowels (Minimum Length in Feet)

55, 40 – Type H Rock Bolts (Minimum Total Length, Minimum Free-Stressing Length)

40,25 – Type L Rock Bolts (Minimum Total Length, Minimum Free-Stressing Length)

Scaling and Dressing Locations

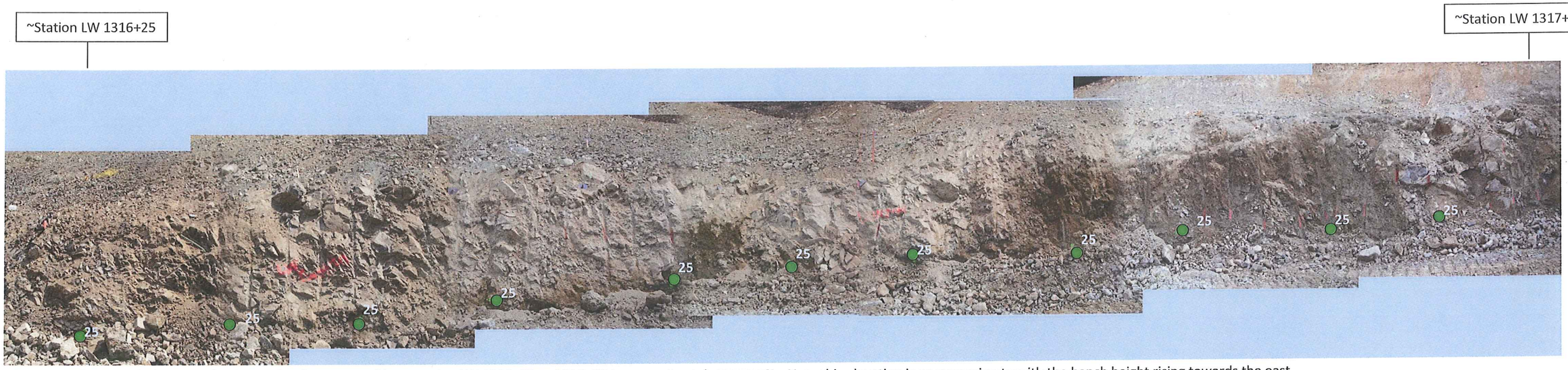

Figure 2. A photograph showing Lift 1 inspection from approximate station LW 1316+25 to 1317+50 to approximately 2557 MSL. Note this elevation is an approximate with the bench height rising towards the east.

● 25 – Type L Rock Dowels (Minimum Length in Feet)

Figure 3. A photograph showing Lift 1 inspection from approximate station LW 1317+50 to 1318+60 to approximately 2557 MSL. Note this elevation is an approximate with the bench height rising towards the east.

25 – Type L Rock Dowels (Minimum Length in Feet)